

NWS FORM E-19 (COVER)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

REPORT ON RIVER GAGE STATION

REVISED, PRINTED DATES: 08/22/2010, 08/22/2010

LOCATION: HARLAN COUNTY LAKE
STREAM: HARLAN COUNTY RESERVOIR
BASIN: REPUBLICAN 10 HSA: GID

REFERENCES:
USGS STATION DESCRIPTION - RECEIVED 2006

ABBREVIATIONS:

BM - bench mark	EPA - Environmental Protection Agency
DS - downstream	IBWC - International Boundary and Water Comm.
US - upstream	MSRC - Mississippi River Commission
HW - high water	MORC - Missouri River Commission
LW - low water	NOAA - National Oceanic and Atmospheric Admin.
RB - right bank	NOS - National Ocean Survey
LB - left bank	NWS - National Weather Service
MGL - mean gulf level	TVA - Tennessee Valley Authority
MLW - mean low water	USACE - U.S. Army Corps of Engineers
MSL - mean sea level	USBR - U.S. Bureau of Reclamation
MLT - mean low tide	USGS - U.S. Geological Survey
MT - mean tide	USWB - U.S. Weather Bureau
WQ - water quality	NGVD - National Geodetic Vertical Datum
RM - reference mark	NAD - North American Datum
RP - reference point	

LOCATION IDENTIFICATION: REPN1
NWS INDEX NUMBER:
USGS NUMBER:

MAP OF GAGE LOCATION

LATITUDE: 40 04 20
LONGITUDE: 99 12 43

SOURCE:

LOCATION: HARLAN COUNTY RESERVOIR SSE HARLAN COUNTY LAKE, NE
ID: REPNI

HSA: GID

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NWS FORM E-19 PAGE 1: GAGE MAP

BENCHMARKS

ELEVATION OF GAGE ZERO:
LEVELING AGENCY AND DATE:
RATING AGENCY:

VERTICAL DATUM:
CHECKBAR:

BENCHMARK	DESCRIPTION	GAGE ZERO	DATUM

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GAGES

DCP

TELEM

NESS ID: CE6455A6
OWNER: USGS
REPORT TIME: 0033
INTERVAL: 240

TYPE OF TELEMETRY: dedicated
OWNER: COE
PHONE NUMBER:
INTERVAL:
PAYOR/COST OF LINE: Unk / \$

GAGE TYPE	OWNER	MAINTENANCE	BEGAN	ENDED	GAGE LOCATION/REMARKS
pres trans	COE	COE	11/14/1952	12/31/2050	BEGIN DATE UNKNOWN. NOT PROVIDED IN STATION DESCRIPTION. A DESIGN ANALYSIS H-522 HIGH DATA RATE DCP WITH A SUTRON 5600 SHAFT ENCODER INSTALLED OVER A 24" PIPE AT THE GATE CONTROL WORKS AT THE LEFT SIDE OF THE SPILLWAY.

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HISTORY

PUBLICATION/LOCATION OF RECORDS	STARTING DATE	ENDING DATE
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TYPE OF GAGE	OWNER	STARTING DATE	ENDING DATE
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pres trans	COE	11/14/1952	12/31/2050

ZERO ELEVATION	STARTING DATE
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CRESTS

FLOOD STAGE:
FLOOD FLOW:

ACTION STAGE:
ACTION FLOW:

BANKFULL STAGE:

DATE OF CREST	TIME LST	CREST (ft)	FLOW (CFS)	FROM HIGH WATERMARKS	BASED ON OLD DATUM	CAUSED BY ICE JAM	REMARKS
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LOW WATER RECORDS

DATE OF LOW WATER	STAGE (ft)	FLOW (CFS)	REMARKS
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CONDITIONS AFFECTING FLOW

MILES ABOVE MOUTH: DRAINAGE AREA: 20750.0 POOL STAGE:

STREAM BED:

REACH:

REGULATION:

DIVERSION:

WINTER:

TOPOGRAPHY:

REMARKS: RESERVOIR IS FORMED BY A ROLLED EARTH FILL DAM SURFACED ON
UPSTREAM FACE WITH ROCK AND HAVING A ROADWAY ON CREST.

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DAMAGE

STAGE	AREAS AFFECTED
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RIVER STAGE DATA

REACH:

ELEVATION ZERO: nan

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CONTACTS

SQ	CONTACT/REMARKS	PHONE
1	COE HARLAN COUNTY LAKE SHERYL BACH IS FOCAL POINT	308-799-2105
2	NORTH PLATTE USGS	308-532-5323
3	COE KANSAS CITY OFFICE	816-983-3155

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